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Search for

Search in ENZYME for: methylenetetrahydrofolate dehydrogenase

Release 35, June 2004, and updates up to 30-Jul-2004

Please choose one of the following entries:

[1.5.1.5](#) Methylenetetrahydrofolate dehydrogenase (NADP+) .

[1.5.1.15](#) Methylenetetrahydrofolate dehydrogenase (NAD+) .

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Refine Search

Search Results -

Terms	Documents
L1 and (falco or famodu or rafalski).in.	5

Database:

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Search:

L3

Refine Search

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Search History

DATE: Thursday, August 12, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR

<u>L3</u>	L1 and (falco or famodu or rafalski).in.	5	<u>L3</u>
<u>L2</u>	L1 same (plant\$4 or rice\$4 or sativ\$4)	13	<u>L2</u>
<u>L1</u>	methylenetetrahydrofolat\$4 same dehydrogenas\$4	103	<u>L1</u>

END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 5 of 5 returned.

☐ 1. Document ID: US 20040132150 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 5

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040132150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040132150 A1

TITLE: Isolated nucleic acids encoding methylenetetrahydrofolate dehydrogenase enzymes

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Falco</u> , Saverio Carl	Arden	DE	US	
<u>Famodu</u> , Layo O.	Newark	DE	US	
<u>Rafalski</u> , J. Antoni	Wilmington	DE	US	

US-CL-CURRENT: 435/193; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20030170845 A1

L3: Entry 2 of 5

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170845

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170845 A1

TITLE: Tetrahydrofolate metabolic enzymes

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Famodu</u> , Omolayo O.	Newark	DE	US	
<u>Orozco</u> , Emil M. JR.	Cochranville	PA	US	

US-CL-CURRENT: 435/191; 435/193, 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20020102689 A1

L3: Entry 3 of 5

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102689

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102689 A1

TITLE: Tetrahydrofolate metabolism enzymes

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Falco</u> , Saverio Carl	Wilmington	DE	US	
<u>Famodu</u> , Layo O.	Newark	DE	US	
<u>Orozco</u> , Emil M. JR.	West Grove	PA	US	
<u>Rafalski</u> , J. Antoni	Wilmington	DE	US	
<u>Thorpe</u> , Catherine J.	St. Albans		GB	

US-CL-CURRENT: 435/193; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6680428 B2

L3: Entry 4 of 5

File: USPT

Jan 20, 2004

US-PAT-NO: 6680428

DOCUMENT-IDENTIFIER: US 6680428 B2

TITLE: Isolated nucleic acids encoding methylenetetrahydrofolate dehydrogenase enzymes

DATE-ISSUED: January 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Falco</u> ; Saverio Carl	Wilmington	DE		
<u>Famodu</u> ; Layo O.	Newark	DE		
<u>Rafalski</u> ; J. Antoni	Wilmington	DE		

US-CL-CURRENT: 800/295; 435/190, 435/252.3, 435/26, 435/320.1, 435/325, 435/410, 435/419, 435/468, 435/469, 435/470, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 6436657 B1

L3: Entry 5 of 5

File: USPT

Aug 20, 2002

US-PAT-NO: 6436657

DOCUMENT-IDENTIFIER: US 6436657 B1

TITLE: Polynucleotides encoding aminomethyltransferases

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Famodu; Omolayo O.	Newark	DE		
Orozco, Jr.; Emil M.	West Grove	PA		

US-CL-CURRENT: [435/15](#); [435/193](#), [435/235.1](#), [435/252.3](#), [435/254.11](#), [435/320.1](#),
[435/325](#), [435/419](#), [435/440](#), [435/468](#), [435/91.2](#), [536/23.2](#), [800/288](#), [800/295](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L1 and (falco or famodu or rafalski).in.	5

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Search Results - Record(s) 1 through 13 of 13 returned.

☐ 1. Document ID: US 20040132150 A1

Using default format because multiple data bases are involved.

L2: Entry 1 of 13

File: PGPB

Jul 8, 2004

PGPUB-DOCUMENT-NUMBER: 20040132150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040132150 A1

TITLE: Isolated nucleic acids encoding methylenetetrahydrofolate dehydrogenase enzymes

PUBLICATION-DATE: July 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Falco, Saverio Carl	Arden	DE	US	
Famodu, Layo O.	Newark	DE	US	
Rafalski, J. Antoni	Wilmington	DE	US	

US-CL-CURRENT: 435/193; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 2. Document ID: US 20040033495 A1

L2: Entry 2 of 13

File: PGPB

Feb 19, 2004

PGPUB-DOCUMENT-NUMBER: 20040033495

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040033495 A1

TITLE: Methods of diagnosis of angiogenesis, compositions and methods of screening for angiogenesis modulators

PUBLICATION-DATE: February 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Murray, Richard	Cupertino	CA	US	
Glynne, Richard	Palo Alto	CA	US	
Watson, Susan R.	El Cerrito	CA	US	

Aziz, Natasha Palo Alto CA US

US-CL-CURRENT: [435/6](#); [435/320.1](#), [435/325](#), [435/69.1](#), [435/7.23](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 3. Document ID: US 20030170845 A1

L2: Entry 3 of 13

File: PGPB

Sep 11, 2003

PGPUB-DOCUMENT-NUMBER: 20030170845

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030170845 A1

TITLE: Tetrahydrofolate metabolic enzymes

PUBLICATION-DATE: September 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Famodu, Omolayo O.	Newark	DE	US	
Orozco, Emil M. JR.	Cochranville	PA	US	

US-CL-CURRENT: [435/191](#); [435/193](#), [435/320.1](#), [435/325](#), [435/69.1](#), [536/23.2](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. De
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☐ 4. Document ID: US 20030115639 A1

L2: Entry 4 of 13

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030115639

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030115639 A1

TITLE: Expressed sequences of arabidopsis thaliana

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gorlach, Jorn	Durham	NC	US	
An, Yong-Qiang	San Diego	CA	US	
Hamilton, Carol M.	Apex	NC	US	
Price, Jennifer L.	Raleigh	NC	US	
Raines, Tracy M.	Durham	NC	US	
Yu, Yang	Matinsville	NJ	US	
Rameaka, Joshua G.	Durham	NC	US	
Page, Amy	Durham	NC	US	

Mathew, Abraham V.	Cary	NC	US
Ledford, Brooke L.	Holly Springs	NC	US
Woessner, Jeffrey P.	Hillsborough	NC	US
Haas, William David	Durham	NC	US
Garcia, Carlos A.	Carrboro	NC	US
Kricker, Maja	Pittsboro	NC	US
Slater, Ted	Apex	NC	US
Davis, Keith R.	Durham	NC	US
Allen, Keith	Cary	NC	US
Hoffman, Neil	Chapel Hill	NC	US
Hurban, Patrick	Raleigh	NC	US

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 5. Document ID: US 20020102689 A1

L2: Entry 5 of 13

File: PGPB

Aug 1, 2002

PGPUB-DOCUMENT-NUMBER: 20020102689

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020102689 A1

TITLE: Tetrahydrofolate metabolism enzymes

PUBLICATION-DATE: August 1, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Falco, Saverio Carl	Wilmington	DE	US	
Famodu, Layo O.	Newark	DE	US	
Orozco, Emil M. JR.	West Grove	PA	US	
Rafalski, J. Antoni	Wilmington	DE	US	
Thorpe, Catherine J.	St. Albans		GB	

US-CL-CURRENT: 435/193; 435/320.1, 435/325, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 6. Document ID: US 20020040490 A1

L2: Entry 6 of 13

File: PGPB

Apr 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020040490

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020040490 A1

TITLE: Expressed sequences of arabidopsis thaliana

PUBLICATION-DATE: April 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gorlach, Jorn	Durham	NC	US	
An, Yong-Qiang	San Diego	CA	US	
Hamilton, Carol M.	Apex	NC	US	
Price, Jennifer L.	Raleigh	NC	US	
Raines, Tracy M.	Durham	NC	US	
Yu, Yang	Martinsville	NJ	US	
Rameaka, Joshua G.	Durham	NC	US	
Page, Amy	Durham	NC	US	
Mathew, Abraham V.	Cary	NC	US	
Ledford, Brooke L.	Holly Springs	NC	US	
Woessner, Jeffrey P.	Hillsborough	NC	US	
Haas, William David	Durham	NC	US	
Garcia, Carlos A.	Carrboro	NC	US	
Kricker, Maja	Pittsboro	NC	US	
Slater, Ted	Apex	NC	US	
Davis, Keith R.	Durham	NC	US	
Allen, Keith	Cary	NC	US	
Hoffman, Neil	Chapel Hill	NC	US	
Hurban, Patrick	Raleigh	NC	US	

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw. D
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☐ 7. Document ID: US 20020023281 A1

L2: Entry 7 of 13

File: PGPB

Feb 21, 2002

PGPUB-DOCUMENT-NUMBER: 20020023281

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020023281 A1

TITLE: Expressed sequences of arabidopsis thaliana

PUBLICATION-DATE: February 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Gorlach, Jorn	Durham	NC	US	
An, Yong-Qiang	San Diego	CA	US	
Hamilton, Carol M.	Apex	NC	US	
Price, Jennifer L.	Raleigh	NC	US	
Raines, Tracy M.	Durham	NC	US	
Yu, Yang	Martinsville	NJ	US	
Rameaka, Joshua G.	Durham	NC	US	

Page, Amy	Durham	NC	US
Mathew, Abraham V.	Cary	NC	US
Ledford, Brooke L.	Holly Springs	NC	US
Woessner, Jeffrey P.	Hillsborough	NC	US
Haas, William David	Durham	NC	US
Garcia, Carlos A.	Carrboro	NC	US
Kricker, Maja	Pittsboro	NC	US
Slater, Ted	Apex	NC	US
Davis, Keith R.	Durham	NC	US
Allen, Keith	Cary	NC	US
Hoffman, Neil	Chapel Hill	NC	US
Hurban, Patrick	Raleigh	NC	US

US-CL-CURRENT: 800/288; 435/4, 536/23.2, 536/23.6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. Des
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☐ 8. Document ID: US 20010051335 A1

L2: Entry 8 of 13

File: PGPB

Dec 13, 2001

PGPUB-DOCUMENT-NUMBER: 20010051335

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010051335 A1

TITLE: POLYNUCLEOTIDES AND POLYPEPTIDES DERIVED FROM CORN TASSEL

PUBLICATION-DATE: December 13, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
LALGUDI, RAGHUNATH V.	CLAYTON	MO	US	
ITO, LAURA Y.	PLEASANTON	CA	US	
SHERMAN, BRADLEY K.	OAKLAND	CA	US	

US-CL-CURRENT: 435/6; 435/69.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. Des
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☐ 9. Document ID: US 6680428 B2

L2: Entry 9 of 13

File: USPT

Jan 20, 2004

US-PAT-NO: 6680428

DOCUMENT-IDENTIFIER: US 6680428 B2

TITLE: Isolated nucleic acids encoding methylenetetrahydrofolate dehydrogenase enzymes

DATE-ISSUED: January 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Falco; Saverio Carl	Wilmington	DE		
Famodu; Layo O.	Newark	DE		
Rafalski; J. Antoni	Wilmington	DE		

US-CL-CURRENT: 800/295; 435/190, 435/252.3, 435/26, 435/320.1, 435/325, 435/410,
435/419, 435/468, 435/469, 435/470, 435/69.1, 536/23.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 10. Document ID: US 6476212 B1

L2: Entry 10 of 13

File: USPT

Nov 5, 2002

US-PAT-NO: 6476212

DOCUMENT-IDENTIFIER: US 6476212 B1

**** See image for Certificate of Correction ****

TITLE: Polynucleotides and polypeptides derived from corn ear

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lalgudi; Raghunath V.	Clayton	MO		
Ito; Laura Y.	Pleasanton	CA		
Sherman; Bradley K.	Oakland	CA		

US-CL-CURRENT: 536/23.6; 435/6, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KIMC	Draw D
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☐ 11. Document ID: US 6436657 B1

L2: Entry 11 of 13

File: USPT

Aug 20, 2002

US-PAT-NO: 6436657

DOCUMENT-IDENTIFIER: US 6436657 B1

TITLE: Polynucleotides encoding aminomethyltransferases

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Famodu; Omolayo O.	Newark	DE		
Orozco, Jr.; Emil M.	West Grove	PA		

US-CL-CURRENT: 435/15; 435/193, 435/235.1, 435/252.3, 435/254.11, 435/320.1,
435/325, 435/419, 435/440, 435/468, 435/91.2, 536/23.2, 800/288, 800/295

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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☐ 12. Document ID: US 6121195 A

L2: Entry 12 of 13

File: USPT

Sep 19, 2000

US-PAT-NO: 6121195

DOCUMENT-IDENTIFIER: US 6121195 A

TITLE: Methods and compositions for enhancing formyltetrahydropteroylpolyglutamate
in plants

DATE-ISSUED: September 19, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nonomura; Arthur M.	Boxborough	MA	01719	
Nishio; John N.	Laramie	WY	82070	
Benson; Andrew A.	La Jolla	CA	92037	

US-CL-CURRENT: 504/136; 504/143, 504/144, 504/147, 504/149, 504/241, 504/318,
504/324, 504/339

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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☐ 13. Document ID: US 5846908 A

L2: Entry 13 of 13

File: USPT

Dec 8, 1998

US-PAT-NO: 5846908

DOCUMENT-IDENTIFIER: US 5846908 A

TITLE: Methods and compositions for enhancing plant growth with p-amino- or p-
nitro-benzoic acids

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nonomura; Arthur M.	Boxborough	MA	01719	
Nishio; John N.	Laramie	WY	82070	
Benson; Andrew A.	La Jolla	CA	92037	

US-CL-CURRENT: 504/322; 504/136, 504/142, 504/144, 504/147, 504/149, 504/324

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw. De
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Terms	Documents
L1 same (plant\$4 or rice\$4 or sativ\$4)	13

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SEA METHYLENETETRAHYDROFO? (S) DEHYDROGENAS?

2 FILE ADISCTI
16 FILE AGRICOLA
2 FILE ANABSTR
1 FILE BIOENG
143 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
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308 FILE CAPLUS
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L1 QUE METHYLENETETRAHYDROFO? (S) DEHYDROGENAS?

FILE 'GENBANK, MEDLINE, CAPLUS, EMBASE, BIOSIS, SCISEARCH, USPATFULL, TOXCENTER, BIOTECHNO, PASCAL' ENTERED AT 16:35:50 ON 12 AUG 2004

L2 1991 S METHYLENETETRAHYDROFO? (S) DEHYDROGENAS?
L3 34 S L2 (S)(RICE? OR SATIV?)
L4 62 S L2 (S)(PLANT? OR RICE? OR SATIV?)
L5 43 DUP REM L4 (19 DUPLICATES REMOVED)

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NEWS 6 May 27 Caplus super roles and document types searchable in REGISTRY
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FILE 'HOME' ENTERED AT 16:29:32 ON 12 AUG 2004

=> index bioscience medicine

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, AQUALINE, ANABSTR, ANTE,
AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS,
BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
CROPU, DISSABS, DDFB, DDFU, DGENE, ...' ENTERED AT 16:29:45 ON 12 AUG 2004

77 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s methylenetetrahydrofo? (s) dehydrogenas?

2	FILE ADISCTI
16	FILE AGRICOLA
2	FILE ANABSTR
1	FILE BIOENG
143	FILE BIOSIS
1	FILE BIOTECHABS
1	FILE BIOTECHDS
90	FILE BIOTECHNO
27	FILE CABA
40	FILE CANCERLIT
308	FILE CAPLUS
2	FILE CEABA-VTB
3	FILE CONFSCI
20	FILE DISSABS
29	FILE DDFB
9	FILE DDFU
15	FILE DGENE
29	FILE DRUGB
11	FILE DRUGU
206	FILE EMBASE
40	FILE ESBIOWASE
7*	FILE FEDRIP

39 FILES SEARCHED...

571	FILE GENBANK
8	FILE IFIPAT
3	FILE JICST-EPLUS
49	FILE LIFESCI
314	FILE MEDLINE
3	FILE NTIS
59	FILE PASCAL
106	FILE SCISEARCH
93	FILE TOXCENTER
101	FILE USPATFULL
6	FILE USPAT2
4	FILE WPIDS
4	FILE WPINDEX

35 FILES HAVE ONE OR MORE ANSWERS, 77 FILES SEARCHED IN STNINDEX

L1 QUE METHYLENETETRAHYDROFO? (S) DEHYDROGENAS?

=> d rank

F1	571	GENBANK
F2	314	MEDLINE
F3	308	CAPLUS
F4	206	EMBASE
F5	143	BIOSIS
F6	106	SCISEARCH
F7	101	USPATFULL
F8	93	TOXCENTER
F9	90	BIOTECHNO
F10	59	PASCAL
F11	49	LIFESCI
F12	40	CANCERLIT
F13	40	ESBIOWASE
F14	29	DDFB
F15	29	DRUGB
F16	27	CABA
F17	20	DISSABS
F18	16	AGRICOLA
F19	15	DGENE
F20	11	DRUGU
F21	9	DDFU
F22	8	IFIPAT
F23	7*	FEDRIP

F24	6	USPAT2
F25	4	WPIDS
F26	4	WPINDEX
F27	3	CONFSCI
F28	3	JICST-EPLUS
F29	3	NTIS
F30	2	ADISCTI
F31	2	ANABSTR
F32	2	CEABA-VTB
F33	1	BIOENG
F34	1	BIOTECHABS
F35	1	BIOTECHDS

=> file f1-f10

COST IN U.S. DOLLARS

SINCE FILE

ENTRY

TOTAL

SESSION

FULL ESTIMATED COST

5.70

5.91

FILE 'GENBANK' ENTERED AT 16:35:50 ON 12 AUG 2004

FILE 'MEDLINE' ENTERED AT 16:35:50 ON 12 AUG 2004

FILE 'CAPLUS' ENTERED AT 16:35:50 ON 12 AUG 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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=> s methylenetetrahydrofo? (s) dehydrogenas?

L2 1991 METHYLENETETRAHYDROFO? (S) DEHYDROGENAS?

=> s l2 (s)(rice? or sativ?)

L3 34 L2 (S)(RICE? OR SATIV?)

=> s l2 (s)(plant? or rice? or sativ?)

8 FILES SEARCHED...

L4 62 L2 (S)(PLANT? OR RICE? OR SATIV?)

=> dup rem l4

DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE

PROCESSING COMPLETED FOR L4

L5 43 DUP REM L4 (19 DUPLICATES REMOVED)

=> d ti l5 1-43

L5 ANSWER 1 OF 43 USPATFULL on STN

TI Isolated nucleic acids encoding methylenetetrahydrofolate dehydrogenase enzymes

L5 ANSWER 2 OF 43 USPTAFULL on STN

TI Methods of diagnosis of angiogenesis, compositions and methods of screening for angiogenesis modulators

L5 ANSWER 3 OF 43 USPTAFULL on STN

TI Tetrahydrofolate metabolic enzymes

L5 ANSWER 4 OF 43 USPTAFULL on STN

TI Expressed sequences of arabidopsis thaliana

L5 ANSWER 5 OF 43 USPTAFULL on STN

TI Nucleotide sequence of the Haemophilus influenzae Rd genome, fragments thereof, and uses thereof

L5 ANSWER 6 OF 43 USPTAFULL on STN

TI Nucleotide sequence of the Haemophilus influenzae Rd genome, fragments thereof, and uses thereof

L5 ANSWER 7 OF 43 USPTAFULL on STN

TI Tetrahydrofolate metabolism enzymes

L5 ANSWER 8 OF 43 USPTAFULL on STN

TI Expressed sequences of arabidopsis thaliana

L5 ANSWER 9 OF 43 USPTAFULL on STN

TI Expressed sequences of arabidopsis thaliana

L5 ANSWER 10 OF 43 USPTAFULL on STN

TI Polynucleotides and polypeptides derived from corn ear

L5 ANSWER 11 OF 43 USPTAFULL on STN

TI Polynucleotides encoding aminomethyltransferases

L5 ANSWER 12 OF 43 USPTAFULL on STN

TI Methods and compositions for enhancing formyltetrahydropteroylpolyglutamate in plants

L5 ANSWER 13 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1

TI Isolation and sequencing of a **plant** cDNA encoding a bifunctional **methylenetetrahydrofolate dehydrogenase**:methenyltetrahydrofolate cyclohydrolase protein

L5 ANSWER 14 OF 43 USPTAFULL on STN

TI Methods and compositions for enhancing plant growth with p-amino- or p-nitro-benzoic acids

L5 ANSWER 15 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN

TI The bi-functional nature of **plant** 5,10-**methylenetetrahydrofolate dehydrogenase**-5,10-methenyltetrahydrofolate cyclohydrolase and the characterization of 10-formyltetrahydrofolate synthetase in photosynthetic tissues

L5 ANSWER 16 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2

TI Distribution of folate derivatives and enzymes for synthesis of 10-formyltetrahydrofolate in cytosolic and mitochondrial fractions of pea leaves

L5 ANSWER 17 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN

TI Mitochondria are a major site for folate and thymidylate synthesis in plants

L5 ANSWER 18 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3

TI A 5,10-**methylenetetrahydrofolate dehydrogenase**: 5,10-methenyltetrahydrofolate cyclohydrolase protein from **Pisum sativum**

L5 ANSWER 19 OF 43 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN DUPLICATE 4

TI The affinity of pea cotyledon 10-formyltetrahydrofolate synthetase for polyglutamate substrates.

L5 ANSWER 20 OF 43 MEDLINE on STN DUPLICATE 5

TI Enzymes for synthesis of 10-formyltetrahydrofolate in **plants**. Characterization of a monofunctional 10-formyltetrahydrofolate synthetase and copurification of 5,10-**methylenetetrahydrofolate dehydrogenase** and 5,10-methenyltetrahydrofolate cyclohydrolase activities.

L5 ANSWER 21 OF 43 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 6

TI Isolation, characterization, and structural organization of 10-formyltetrahydrofolate synthetase from spinach leaves.

L5 ANSWER 22 OF 43 MEDLINE on STN DUPLICATE 7

TI The occurrence and properties of **methylenetetrahydrofolate dehydrogenase** in pea seedlings, and intracellular distribution of some folate-linked enzymes in the **plant**.

L5 ANSWER 23 OF 43 CAPLUS COPYRIGHT 2004 ACS on STN

TI **Plant N5, N10-methylenetetrahydrofolate dehydrogenase**: partial purification and some general properties of the enzyme from germinating pea seedlings

L5 ANSWER 24 OF 43 MEDLINE on STN DUPLICATE 8

TI Occurrence and some properties of N-5,N-10-**methylenetetrahydrofolate***
**** ***dehydrogenase in plants.**

L5 ANSWER 25 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Genome evolution in yeasts
TITLE (TI): Direct Submission

L5 ANSWER 26 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Genome evolution in yeasts
TITLE (TI): Direct Submission

L5 ANSWER 27 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Complete genomes of two clinical Staphylococcus aureus strains: evidence for the rapid evolution of virulence and drug resistance
TITLE (TI): Direct Submission

L5 ANSWER 28 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Complete genomes of two clinical Staphylococcus aureus strains: evidence for the rapid evolution of virulence and drug resistance
TITLE (TI): Direct Submission

L5 ANSWER 29 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Direct Submission

L5 ANSWER 30 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence
TITLE (TI): Re-annotation of the genome sequence of Mycobacterium tuberculosis H37Rv
TITLE (TI): Direct Submission

L5 ANSWER 31 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): An Evolutionary Hot Spot: the pNGR234b Replicon of Rhizobium sp. Strain NGR234
TITLE (TI): Direct Submission

L5 ANSWER 32 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Deciphering the biology of Mycobacterium tuberculosis from the complete genome sequence

TITLE (TI): Re-annotation of the genome sequence of Mycobacterium tuberculosis H37Rv

TITLE (TI): Direct Submission

L5 ANSWER 33 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Comparative analysis of the genome sequences of Bordetella pertussis, Bordetella parapertussis and Bordetella bronchiseptica

TITLE (TI): Direct Submission

L5 ANSWER 34 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Comparative analysis of the genome sequences of Bordetella pertussis, Bordetella parapertussis and Bordetella bronchiseptica

TITLE (TI): Direct Submission

L5 ANSWER 35 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): IRRI Drought Stress Panicle cDNA Library

L5 ANSWER 36 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Functional Genomics of Plant Stress Tolerance

L5 ANSWER 37 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Complete genome sequence of the model actinomycete Streptomyces coelicolor A3(2)

TITLE (TI): Direct Submission

L5 ANSWER 38 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Complete genome sequence of the model actinomycete Streptomyces coelicolor A3(2)

TITLE (TI): Direct Submission

L5 ANSWER 39 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Direct Submission

L5 ANSWER 40 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Complete genome sequence of a multiple drug resistant Salmonella enterica serovar Typhi CT18

TITLE (TI): Direct Submission

L5 ANSWER 41 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Oryza sativa PAC P0001A07 genomics sequence

TITLE (TI): Direct Submission

TITLE (TI): Direct Submission

TITLE (TI): Direct Submission

TITLE (TI): Direct Submission

L5 ANSWER 42 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): Arabidopsis thaliana chromosome 3 BAC F28J15 genomic sequence

TITLE (TI): Direct Submission

TITLE (TI): Direct Submission

L5 ANSWER 43 OF 43 GENBANK.RTM. COPYRIGHT 2004 on STN

TITLE (TI): a cDNA sequence encoding pea leaf cytosolic bifunctional 5,10-methylenetetrahydrofolate

dehydrogenase-5,10-methenyltetrahydrofolate
cyclohydrolase
TITLE (TI): Direct Submission

=> d his

(FILE 'HOME' ENTERED AT 16:29:32 ON 12 AUG 2004)

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FILE 'GENBANK, MEDLINE, CAPLUS, EMBASE, BIOSIS, SCISEARCH, USPATFULL,
TOXCENTER, BIOTECHNO, PASCAL' ENTERED AT 16:35:50 ON 12 AUG 2004

L2 1991 S METHYLENETETRAHYDROFO? (S) DEHYDROGENAS?
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L4 62 S L2 (S) (PLANT? OR RICE? OR SATIV?)
L5 43 DUP REM L4 (19 DUPLICATES REMOVED)

=> log h

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	55.72	61.63

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 16:39:59 ON 12 AUG 2004